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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/038,288A

DATE: 08/05/2002

TIME: 15:40:47

Input Set : N:\Crf3\07242002\J038288.raw
 Output Set: N:\CRF4\08052002\J038288A.raw

1 <110> APPLICANT: Walke, D. Wade
 2 Wilganowski, Nathaniel L.
 3 Scoville, John
 4 Zambrowicz, Brian
 5 <120> TITLE OF INVENTION: Novel Human Secreted Proteins and Polynucleotides Encoding
 the Same
 6 <130> FILE REFERENCE: LEX-0268-USA
 7 <140> CURRENT APPLICATION NUMBER: US/10/038,288A
 8 <141> CURRENT FILING DATE: 2001-11-09
 9 <150> PRIOR APPLICATION NUMBER: US 60/249,044
 10 <151> PRIOR FILING DATE: 2000-11-15
 11 <160> NUMBER OF SEQ ID NOS: 8
 12 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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 15 <211> LENGTH: 1302
 16 <212> TYPE: DNA
 17 <213> ORGANISM: homo sapiens
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 21 gaggatcaact gcttttacca cggcacggtg agggagacag aactgtccag cgtcacgctc 180
 22 agcaacttgcg gaggaaattag aggactgatt acggtgagca gcaacctcaag ctacgtcata 240
 23 gagccccctcc ctgacagcaa gggccaaacac cttatttaca gatctgaaca tctcaagccg 300
 24 cccccccctga cggggcggga agtcctgacg cccttcccaag gattgggcac tgcggcagcc 360
 25 ccggcacagg gcggggccca cctgaagcag tgcgtacccgc tgaagctgtc cggcggcag 420
 26 aagcagctct gccggagggg gcccggcctg gctgagaccc tgaggatgc tgcgcaccc 480
 27 ggcctgcttg agtgcctagg tcaaggccctg catgagcgct ggaactgttag cctggaggcc 540
 28 aggtggggcc tgctcaagag aggcttcaaa gagacagctt tcctgtacgc ggtgtccctct 600
 29 gcccgcctca cccacacccct ggcggccggcc tgcagcgctg ggcgcattggg ggcgtgcacc 660
 30 tgtgtatgact ctccggggct ggagagccgg caggcctggc agtggggcgt gtgcgtgtac 720
 31 aacctcaagt acagcaccaa gtttctgagc aacttctgg ggtccaaagag agggaaacaag 780
 32 gacctgcggg cacggccaga cgccccacaat acccacgtgg gcatcaaggc tgtgaagagt 840
 33 ggcctcagga ccacgtgtaa gtgcctggc gtatcaggct cctgtgccgt ggcacccctgc 900
 34 tggaaaggcgc tctcccccgtt ccgtgagacg ggccagggtgc tggaaactgtcg ctatgactcg 960
 35 gctgtcaagg tgtccagtgc caccatgag gccttggcc gcctagagct gtggggccct 1020
 36 gccaggcagg gcagccctcac caaaggccctg gccccaaagggt ctggggacct ggtgtacatg 1080
 37 gaggactcac ccagcttctg ccggcccccagc aagtactcac ctggcacacgc aggtagggtg 1140
 38 tgctcccccggg aggccagctg cagcagccctg tgctgcgggc ggggctatga caccaggagc 1200
 39 cgcctgggtgg ccttctccctg ccactgcccag gtgcagtggt gctgctacgt ggagtgcag 1260
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 43 <211> LENGTH: 433
 44 <212> TYPE: PRT
 45 <213> ORGANISM: homo sapiens

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 49 Leu Phe Ala Pro Ser Tyr Thr Glu Thr His Tyr Thr Ser Ser Gly Asn
 50 20 25 30
 51 Pro Gln Thr Thr Arg Lys Leu Glu Asp His Cys Phe Tyr His Gly
 52 35 40 45
 53 Thr Val Arg Glu Thr Glu Leu Ser Ser Val Thr Leu Ser Thr Cys Arg
 54 50 55 60
 55 Gly Ile Arg Gly Leu Ile Thr Val Ser Ser Asn Leu Ser Tyr Val Ile
 56 65 70 75 80
 57 Glu Pro Leu Pro Asp Ser Lys Gly Gln His Leu Ile Tyr Arg Ser Glu
 58 85 90 95
 59 His Leu Lys Pro Pro Pro Leu Thr Gly Arg Glu Val Leu Thr Pro Phe
 60 100 105 110
 61 Pro Gly Leu Gly Thr Ala Ala Ala Pro Ala Gln Gly Gly Ala His Leu
 62 115 120 125
 63 Lys Gln Cys Asp Leu Leu Lys Leu Ser Arg Arg Gln Lys Gln Leu Cys
 64 130 135 140
 65 Arg Arg Glu Pro Gly Leu Ala Glu Thr Leu Arg Asp Ala Ala His Leu
 66 145 150 155 160
 67 Gly Leu Leu Glu Cys Gln Phe Gln Phe Arg His Glu Arg Trp Asn Cys
 68 165 170 175
 69 Ser Leu Glu Gly Arg Met Gly Leu Leu Lys Arg Gly Phe Lys Glu Thr
 70 180 185 190
 71 Ala Phe Leu Tyr Ala Val Ser Ser Ala Ala Leu Thr His Thr Leu Ala
 72 195 200 205
 73 Arg Ala Cys Ser Ala Gly Arg Met Glu Arg Cys Thr Cys Asp Asp Ser
 74 210 215 220
 75 Pro Gly Leu Glu Ser Arg Gln Ala Trp Gln Trp Gly Val Cys Gly Asp
 76 225 230 235 240
 77 Asn Leu Lys Tyr Ser Thr Lys Phe Leu Ser Asn Phe Leu Gly Ser Lys
 78 245 250 255
 79 Arg Gly Asn Lys Asp Leu Arg Ala Arg Ala Asp Ala His Asn Thr His
 80 260 265 270
 81 Val Gly Ile Lys Ala Val Lys Ser Gly Leu Arg Thr Thr Cys Lys Cys
 82 275 280 285
 83 His Gly Val Ser Gly Ser Cys Ala Val Arg Thr Cys Trp Lys Gln Leu
 84 290 295 300
 85 Ser Pro Phe Arg Glu Thr Gly Gln Val Leu Lys Leu Arg Tyr Asp Ser
 86 305 310 315 320
 87 Ala Val Lys Val Ser Ser Ala Thr Asn Glu Ala Leu Gly Arg Leu Glu
 88 325 330 335
 89 Leu Trp Ala Pro Ala Arg Gln Gly Ser Leu Thr Lys Gly Leu Ala Pro
 90 340 345 350
 91 Arg Ser Gly Asp Leu Val Tyr Met Glu Asp Ser Pro Ser Phe Cys Arg
 92 355 360 365
 93 Pro Ser Lys Tyr Ser Pro Gly Thr Ala Gly Arg Val Cys Ser Arg Glu
 94 370 375 380

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Input Set : N:\Crf3\07242002\J038288.raw
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95 Ala Ser Cys Ser Ser Leu Cys Cys Gly Arg Gly Tyr Asp Thr Gln Ser
 96 385 390 395 400
 97 Arg Leu Val Ala Phe Ser Cys His Cys Gln Val Gln Trp Cys Cys Tyr
 98 405 410 415
 99 Val Glu Cys Gln Gln Cys Val Gln Glu Glu Leu Val Tyr Thr Cys Lys
 100 420 425 430
 101 His
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 104 <211> LENGTH: 1092
 105 <212> TYPE: DNA
 106 <213> ORGANISM: homo sapiens
 107 <400> SEQUENCE: 3
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 109 gggagcctta ccagccctct aagaagaatc agaaggctga ccggggcggga agtcctgacg 120
 110 cccttcccaag gattgggcac tgccggcagcc ccggcacagg gcggggccca cctgaagcag 180
 111 tggacctgc tgaagctgtc ccggcggcag aagcagctct gccggaggga gccccggctg 240
 112 gctgagaccc tgagggatgc tgccgcaccc ggcctgctt agtgcctgt tcagttccgg 300
 113 catgagcgct ggaactgttag cctggagggc agatgggccc tgctcaagag aggcttcaaa 360
 114 gagacagctt tcctgtacgc ggtgtcctct gccgcctca cccacacccct ggcccgcc 420
 115 tgcagcgtg ggcgcatggc ggcgtgcacc tggatgtact ctccggggct ggagagccgg 480
 116 caggcctggc agtggggcgt gtgcgggtac aacctaagt acagcaccaa gtttctgagc 540
 117 aacttcctgg ggtccaaagag aggaaacaag gacctgcggg cacgggcaga cgccacaaat 600
 118 acccacgtgg gcatcaaggc tggtaagagt ggcctcagga ccacgtgtaa gtgcgttggc 660
 119 gtatcaggct cctgtgccgt ggcacactgc tggaaagcgc tctcccccgtt ccgtgagacg 720
 120 ggcacaggc tgaaactgcg ctatgactcg gctgtcaagg tggccatgtc caccaatgag 780
 121 gccttggcc gccttagagct gtggggccct gccaggcagg gcacgcctcac caaaggcctg 840
 122 gcccccaaggt ctggggaccc ggtgtacatg gaggactcac ccacgttctg ccggggccacg 900
 123 aagtactcac ctggcacacgc agttaggggt tgctcccccggg aggccagctg cagcagcctg 960
 124 tgctgcggc ggggctatga caccagacg cgcctgggtg cttctctcg ccactgcccag 1020
 125 gtgcagtgtt gctgtacgt ggagtgcag caatgtgtc aggaggagct tgtgtacacc 1080
 126 tgcaaggact ag 1092
 128 <210> SEQ ID NO: 4
 129 <211> LENGTH: 363
 130 <212> TYPE: PRT
 131 <213> ORGANISM: homo sapiens
 132 <400> SEQUENCE: 4
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 135 Asn Ala Ser Pro Gly Ser Leu Thr Ser Pro Leu Arg Arg Ile Arg Ser
 136 20 25 30
 137 Leu Thr Gly Arg Glu Val Leu Thr Pro Phe Pro Gly Leu Gly Thr Ala
 138 35 40 45
 139 Ala Ala Pro Ala Gln Gly Gly Ala His Leu Lys Gln Cys Asp Leu Leu
 140 50 55 60
 141 Lys Leu Ser Arg Arg Gln Lys Gln Leu Cys Arg Arg Glu Pro Gly Leu
 142 65 70 75 80
 143 Ala Glu Thr Leu Arg Asp Ala Ala His Leu Gly Leu Leu Glu Cys Gln
 144 85 90 95
 145 Phe Gln Phe Arg His Glu Arg Trp Asn Cys Ser Leu Glu Gly Arg Met

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Input Set : N:\Crf3\07242002\J038288.raw
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146	100	105	110	
147	Gly Leu Leu Lys Arg Gly Phe Lys Glu Thr Ala Phe Leu Tyr Ala Val			
148	115	120	125	
149	Ser Ser Ala Ala Leu Thr His Thr Leu Ala Arg Ala Cys Ser Ala Gly			
150	130	135	140	
151	Arg Met Glu Arg Cys Thr Cys Asp Asp Ser Pro Gly Leu Glu Ser Arg			
152	145	150	155	160
153	Gln Ala Trp Gln Trp Gly Val Cys Gly Asp Asn Leu Lys Tyr Ser Thr			
154	165	170	175	
155	Lys Phe Leu Ser Asn Phe Leu Gly Ser Lys Arg Gly Asn Lys Asp Leu			
156	180	185	190	
157	Arg Ala Arg Ala Asp Ala His Asn Thr His Val Gly Ile Lys Ala Val			
158	195	200	205	
159	Lys Ser Gly Leu Arg Thr Thr Cys Lys Cys His Gly Val Ser Gly Ser			
160	210	215	220	
161	Cys Ala Val Arg Thr Cys Trp Lys Gln Leu Ser Pro Phe Arg Glu Thr			
162	225	230	235	240
163	Gly Gln Val Leu Lys Leu Arg Tyr Asp Ser Ala Val Lys Val Ser Ser			
164	245	250	255	
165	Ala Thr Asn Glu Ala Leu Gly Arg Leu Glu Leu Trp Ala Pro Ala Arg			
166	260	265	270	
167	Gln Gly Ser Leu Thr Lys Gly Leu Ala Pro Arg Ser Gly Asp Leu Val			
168	275	280	285	
169	Tyr Met Glu Asp Ser Pro Ser Phe Cys Arg Pro Ser Lys Tyr Ser Pro			
170	290	295	300	
171	Gly Thr Ala Gly Arg Val Cys Ser Arg Glu Ala Ser Cys Ser Ser Leu			
172	305	310	315	320
173	Cys Cys Gly Arg Gly Tyr Asp Thr Gln Ser Arg Leu Val Ala Phe Ser			
174	325	330	335	
175	Cys His Cys Gln Val Gln Trp Cys Cys Tyr Val Glu Cys Gln Gln Cys			
176	340	345	350	
177	Val Gln Glu Leu Val Tyr Thr Cys Lys His			
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182	<212> TYPE: DNA			
183	<213> ORGANISM: homo sapiens			
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186	aaggcagccc caagctgcag catgaactta tcataacctca gtggaagact tcagaaagcc	120		
187	ccgtgagaga aaagcatcca ctcaaagctg agctcagggt aatggctgag gggcgagaac	180		
188	tgatcctgga cctggagaag aatgagcaac ttttgcctcc ttcctacaca gaaacccatt	240		
189	atacttcaag tggtaaccct caaaccacca cacggaaatt ggaggatcac tgctttacc	300		
190	acggcacggt gagggagaca gaactgtcca gcgtcacgct cagcacttgc cgagaattta	360		
191	gaggactgat tacggtgagc agcaacctca gctacgtcat cgagccccctc cctgacagca	420		
192	agggccaaca ctttatttac agatctgaac atctcaagcc gccccccctg accggggcggg	480		
193	aagtccctgac gcccttccca ggattgggca ctgcggcagc cccggcacag ggcggggcccc	540		
194	acctgaagca gtgtgacctg ctgaagctgt cccggcggca gaagcagctc tgccggaggg	600		
195	agcccgccct ggctgagacc ctgaggatg ctgcgcaccc cggcctgctt gagtgccagt	660		

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Input Set : N:\Crf3\07242002\J038288.raw
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196	ttcagttccg gcatgagcgc tggaaactgt a gcctggagg caggatggc ctgctcaaga	720
197	gaggcctcaa agagacagct ttccctgtacg cgggtgcctc tgccgcgcacc acccacaccc	780
198	tggcccgccc ctgcagcgt gggcgcatgg a ggcgtgcac ctgtgtatgac tctccggggc	840
199	tggagagccg gcaggcctgg cagtggggcg t gtcgggtga caacctaag tacagcacca	900
200	agtttcttag caacttcctg gggtccaaga gaggaaacaa ggacctgcgg gcacggcag	960
201	acgcccacaa taccacatgt ggcataagg ctgtgaagag tggcctcagg accacgtgt	1020
202	agtgcctatgg cgtatcaggc tccctgtccg tgcgcacctg ctggaaagcag ctctccctgt	1080
203	tccgtgagac gggccagggt ctgaaaactgc gctatgactc ggctgtcaag gtgtccagtg	1140
204	ccaccaatga ggccttggc cgccttagagc t gtcggccccc tgccaggcag ggcagccctca	1200
205	ccaaaggcct ggcggcaagg tctggggacc tgggtgtacat ggaggactca cccagcttct	1260
206	gcggcccaag caagtactca cttggcacag caggtagggt gtgcctccgg gaggccagct	1320
207	gcagcaggct gtgcgtccgg cggggctatg acacccagag cgcctgggt gcctctcct	1380
208	gccactgcca ggtgcagtgg tgcgtctacg tggagtgcca gcaatgtgt caggaggagc	1440
209	ttgtgtacac ctgcaagcac taggcctact gcccagcaag ccagtctggc actgycagga	1500
210	cctccctgtgg cacccttcaa gtcgcccagc cggccctctg ggcagactgt catcacatgc	1560
211	atgcataaac cggcatgtgt gccaatgcac acgagtgtgc cactcaccac cattccttgg	1620
212	ccagcctttt gcctccctcg atactcaaca aagagaagca aagcctcctc ccttaaccca	1680
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218	<213> ORGANISM: homo sapiens	
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222	catgttgggg gccaaacctg tccacctaag tgcctttgca ccacacactt ctaccactgg	180
223	aatctgtac aaaaagagga gaatgtgagt tattctaaca ctttgaggat aggaagaggc	240
224	atcaataaaa cctga	255
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227	<211> LENGTH: 84	
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229	<213> ORGANISM: homo sapiens	
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234	20 25 30	
235	Arg Thr Ser Thr His His Gln Val His Val Glu Gly Gln Thr Cys Pro	
236	35 40 45	
237	Pro Lys Cys Leu Cys Thr Thr His Phe Tyr His Trp Glu Ser Val Gln	
238	50 55 60	
239	Lys Glu Glu Asn Val Ser Tyr Ser Asn Thr Leu Arg Ile Gly Arg Gly	
240	65 70 75 80	
241	Ile Asn Lys Thr	
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Input Set : N:\Crf3\07242002\J038288.raw
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The rules require that a line not exceed 72 characters in length. This includes spaces.

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